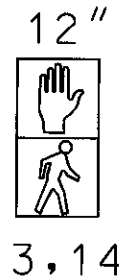


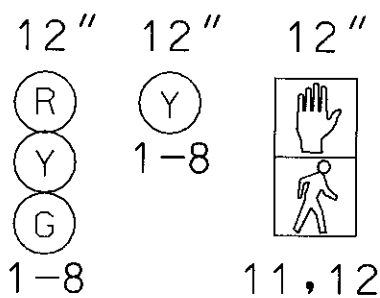
MD 97 IS ASSUMED TO RUN
IN A NORTH-SOUTH DIRECTION.

PROPOSED SIGNALS

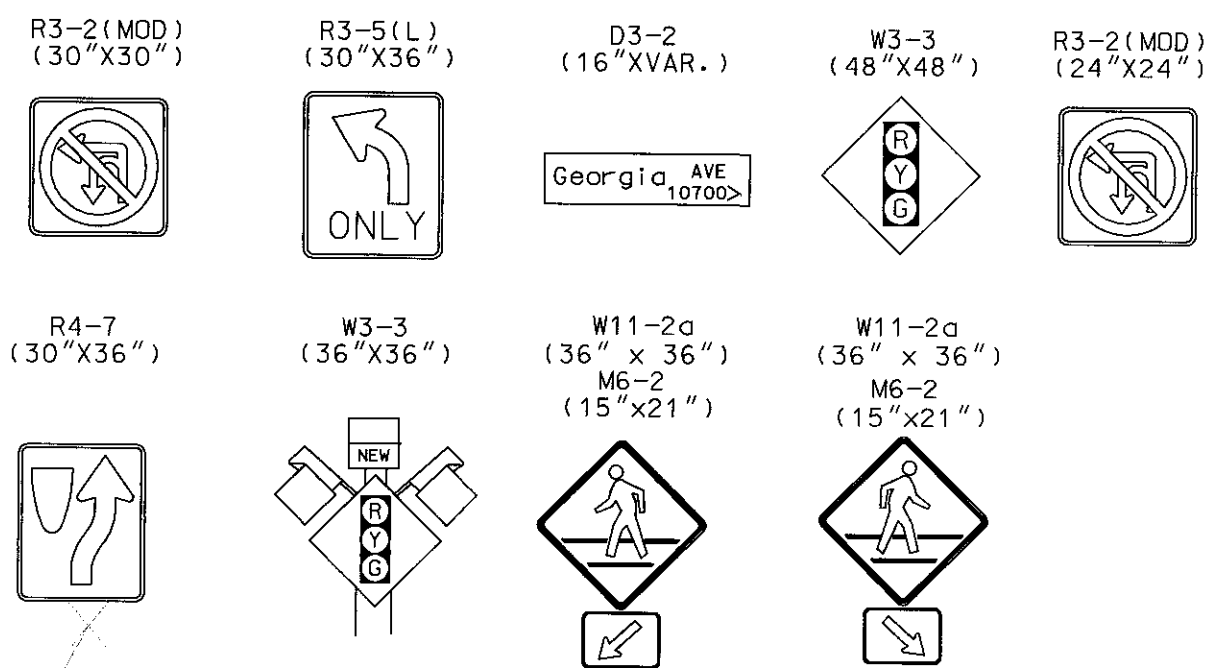


A
OVERHEAD VIDEO
DETECTION

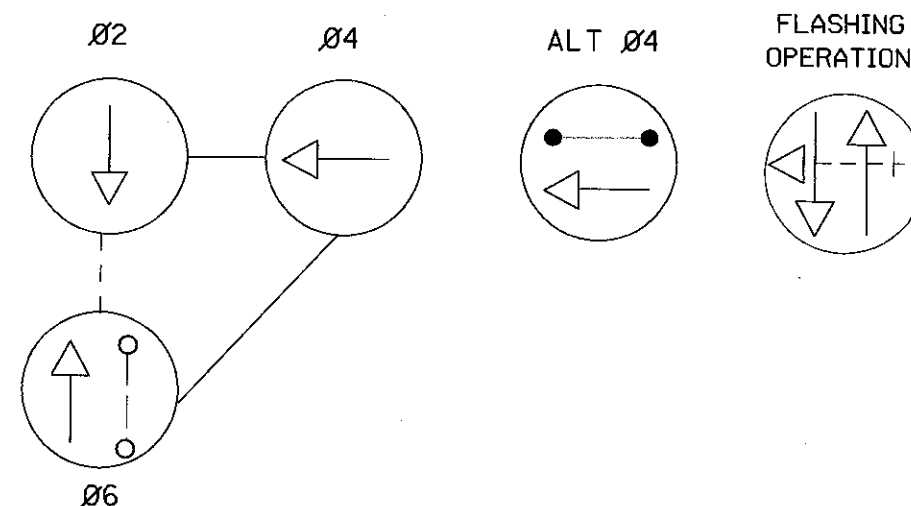
EXISTING SIGNALS



EXISTING SIGNS



NEMA PHASING



PHASING NOTES:
1. PHASES ASSOCIATED BY A DASHED LINE
WILL OPERATE CONCURRENTLY.
2. PHASES ASSOCIATED BY A SOLID LINE
WILL NOT OPERATE CONCURRENTLY.

RIGHT OF WAY

RAMP TO WESTBOUND

I-495

RAMP FROM I-495 WESTBOUND

CONSTRUCTION NOTES

- INSTALL CONCRETE FOUNDATION WITH 10' STEEL PEDESTAL POLE WITH BREAKAWAY BASE, PEDESTRIAN SIGNAL HEADS, PUSHBUTTON AND SIGN. (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND AND FOUR 1 IN. x 40 IN. ANCHOR BOLTS).
- INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED
- INSTALL PEDESTRIAN SIGNAL HEAD, PUSHBUTTON AND SIGN TO EXISTING SIGNAL POLE.
- INSTALL 24 IN. WHITE, REFLECTIVE, THERMOPLASTIC PAVEMENT MARKING TAPE FOR STOP LINE.
- INSTALL 12 IN. WHITE, REFLECTIVE, THERMOPLASTIC PAVEMENT MARKING TAPE FOR CROSSWALK.
- USE EXISTING HANDBOX.
- USE EXISTING CONDUIT.
- USE EXISTING BASE MOUNTED CABINET PROPERLY TAG AND ROUTE PROPOSED CABLES INTO EXISTING CONTROLLER CABINET.
- INSTALL OVERHEAD VIDEO DETECTION CAMERA.
- CAP AND ABANDON EXISTING CONDUIT.
- REMOVE EXISTING HANDHOLE

GENERAL NOTES

- Video camera location / aligning shall be coordinated with the MCDPW Engineer.
- The Contractor shall verify all proposed pole and cabinet locations prior to installation.
- The Contractor shall be responsible for maintaining existing signing.
- Video Camera Location/aligning shall be coordinated with Bob Gonzales of Montgomery County at (240) 777-8761.

GEOMETRIC LEGEND

===== EXISTING
----- PROPOSED

UTILITY LEGEND

SD SD STORM DRAIN
G G GAS MAIN
W W WATER MAIN
S S SEWER MAIN
E E ELECTRIC CABLES
A A AERIAL CABLES
T T TELEPHONE CABLES

PEPCO POLE W/ RISER
788429-0374



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REVISIONS

APPROVALS

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
DIRECTOR, OFFICE OF TRAFFIC & SAFETY



MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNAL PLAN

MD 97 AND I-495 ON/OFF RAMP

DRAWN BY: R. CICCINI
CHECKED BY: -
SCALE: 1" = 20'
DATE: JULY, 2002

F.A.P. NO.
S.H.A. NO.
COUNTY: MONTGOMERY
LOG MILE: 15009701.50

TS NO.
3636 A
T.J.M.S. NO.
F-411

SHEET NO.
OF